

CONTRACT REQUESTS FORM (CRF)

CEC-94 (07/10)

CALIFORNIA ENERGY COMMISSION



☒ New Contract ☐ Amendment to Existing Contract: _____ Amendment Number: _____

Division	Contract Manager:	MS-	Phone	CM Training Date
Energy Research and Development	Gail Wiggett	47	916-327-1544	4/12/2002

Contractor's Legal Name	Federal ID Number
EnerNex, LLC	20-0089717

Title of Project
Utility Scale Solar Forecasting, Analysis and Modeling

Term	Start Date	End Date	Amount
New/Original Contract	6/30/2011	3/30/2015	\$ 450,000

Line up the Amendment information as best as possible within the following table.

Amendment #	End Date (mm/dd/yy)	Amount

Business Meeting Information

Proposed Business Meeting Date	5/31/2011	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Gail Wiggett	Time Needed:	5 minutes

Agenda Item Subject and Description

Possible approval of Contract 500-10-060 for \$450,000 with EnerNex, LLC to develop solar forecasting tools and facilitate grid integration of utility scale renewable energy, specifically in the Inland Empire region, through modeling, monitoring, and system impact analysis (PIER Electricity). Contact: Gail Wiggett (5 minutes)

Business Meeting approval is not required for the following types of contracts: *Executive Director's signature is required in all cases.*

- ☐ Contracts less than \$10k (*Policy Committee's signature is also required*)
- ☐ Amendment for a no-cost time extension. Must be first extension, less than one year and original contract less than \$100k.
- ☐ Contracts less than \$25k for Expert Witness in Energy Facility licensing cases and amendments.

Purpose of Contract or Purpose of Amendment, if applicable

The purpose of this contract is to develop tools that will address both short-term and long-term solar forecasting needs, and facilitate the integration into the grid of variable utility scale renewable energy sources.

California Environmental Quality Act (CEQA) Compliance

- Is Contract considered a "Project" under CEQA?

☐ Yes: skip to question 2 ☒ No: complete the following (PRC 21065 and 14 CCR 15378):

Explain why contract is not considered a "Project":

Contract will not cause a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because contract activities consist of monitoring, modeling, forecasting and analysis..
- If contract is considered a "Project" under CEQA:

☐ a) Contract **IS** exempt. (Draft NOE required)

☐ Statutory Exemption. List PRC and/or CCR section number: _____

☐ Categorical Exemption. List CCR section number: _____

☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why contract is exempt under the above section:

☐ b) Contract **IS NOT** exempt. The Contract Manager needs to consult with the Energy Commission attorney assigned to their division and the Siting Office regarding a possible Initial Study.

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**Budgets Information**

Contract Amount Funded		Breakdown by FY			Funding Sources			
Funding Source	Amount	FY	Amount	Approved?	Funding Source	FY	Budget List No.	Amount
ARFVTF	\$	10-11	\$450,000	Yes	PIER-E	09-10	501.027	\$450,000
ECAA	\$		\$					\$
State- ERPA	\$		\$					\$
Federal	\$		\$					\$
PIER - E	\$450,000		\$					\$
PIER - NG	\$		\$					\$
Reimbursement	\$		\$					\$
Other	\$		\$					\$
TOTAL:	\$450,000	TOTAL:	\$450,000		TOTAL:			\$450,000
Reimbursement Contract #:					Federal Agreement			

Contractor's Administrator/ Officer		Contractor's Project Manager	
Name:	Jeffrey Lamoree	Name:	Jeffrey Lamoree
Address:	620 Mabry Hood Rd Ste 300	Address:	620 Mabry Hood Rd Ste 300
City, State, Zip:	Knoxville, TN 37932-2661	City, State, Zip:	Knoxville, TN 37932-2661
Phone/ Fax:	865-218-4600 / 865-671-6909	Phone/ Fax:	865-218-4600 / 865-671-6909
E-Mail:	jeff@enernex.com	E-Mail:	jeff@enernex.com

Contractor Is

- ☒ Private Company (including non-profits)
☐ CA State Agency (including UC and CSU)
☐ Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)

Selection Process Used

- ☒ Solicitation RFP Solicitation #: 500-10-503
☐ Non Competitive Bid (Attach CEC 96)
☐ Exempt Select Exemption

Civil Service Considerations

- ☐ Not Applicable (Contract is with a CA State Entity or a membership/co-sponsorship)
☒ Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)
☐ The Services Contracted:
 ☐ are not available within civil service
 ☐ cannot be performed satisfactorily by civil service employees
 ☐ are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system
☐ The Services are of such an:
 ☐ urgent
 ☐ temporary, or
 ☐ occasional nature
 that the delay to implement under civil service would frustrate their very purpose.

Justification:

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**Payment Method**

- ☒ A. Reimbursement in arrears based on:
- ☒ Itemized Monthly ☐ Itemized Quarterly ☐ Flat Rate ☐ One-time
- ☐ B. Advanced Payment
- ☐ C. Other, explain:

Retention

1. Is contract subject to retention? ☐ No ☒ Yes
- If Yes, Do you plan to release retention prior to contract termination? ☒ No ☐ Yes

Justification of Rates

Rates are Federally approved rates.

Disabled Veteran Business Enterprise Program (DVBE)

1. ☐ Not Applicable
2. ☒ Meets DVBE Requirements DVBE Amount:\$ \$25,524 DVBE %: 5
- ☐ Contractor is Certified DVBE
- ☒ Contractor is Subcontracting with a DVBE: Advantech GS Enterprises, Inc.
3. ☐ Requesting DVBE Exemption (attach CEC 95)

Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?

- ☒ No ☐ Yes
- If yes, check appropriate box: ☐ SB ☐ MB ☐ DVBE

Is Contractor subcontracting any services?

- ☐ No ☒ Yes
- If yes, give company name and identify if they are a Small Business (SB), Micro Business (MB) and/or DVBE:
- | | | | | |
|-------------------------------------|--|-----------------------------|--|--|
| University of California, San Diego | <input checked="" type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |
| Advantech GS Enterprises, Inc. | <input type="checkbox"/> No | <input type="checkbox"/> SB | <input checked="" type="checkbox"/> MB | <input checked="" type="checkbox"/> DVBE |
| Bob Russ | <input checked="" type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |
| | <input type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |
| | <input type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |
| | <input type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |
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| | <input type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |
| | <input type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |
| | <input type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |

Miscellaneous Contract Information

1. Will there be Work Authorizations? ☒ No ☐ Yes
2. Will there be IT expenditures? ☒ No ☐ Yes
3. Is the Contractor providing confidential information? ☒ No ☐ Yes
4. Is the contractor going to purchase equipment? ☒ No ☐ Yes
5. Check frequency of progress reports
- ☒ Monthly ☐ Quarterly ☐ _____
6. Will a final report be required? ☐ No ☒ Yes
7. Is the contract, with amendments, longer than a year? If yes, why? ☐ No ☒ Yes

The Department of General Services has agreed to give the Commission blanket authority to execute multi-year contracts to support the Commission's RD&D Programs.

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**The following items should be attached to this CRF**

1. Scope of Work, Attach as Exhibit A.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
2. Budget Detail, Attach as Exhibit B.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
3. CEC 96, NCB Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
4. CEC 30, Survey of Prior Work	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
5. CEC 95, DVBE Exemption Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
6. Draft CEQA Notice of Exemption (NOE)	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
7. Resumes	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached

Contract Manager_____
Date_____
Office Manager_____
Date_____
Deputy Director_____
Date

The following signatures are only required when contract approval is delegated to the Executive Office and not approved at a Business Meeting.
See Business Meeting Information Section.

Presiding Policy Committee_____
Date_____
Associate Policy Committee_____
Date_____
Executive Director_____
Date